

# INTERFERENCE

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	160	reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:10
L2	2	align\$3 near3 reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:10
L3	1	collimated light source and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:11
L4	1	rotational axis and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:11
L5	0	portable base and beam and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:12
L6	0	portable base and light and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:12
L7	21	base and light and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:12
L8	0	portable base and light and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:12

## EAST Search History

L9	12	scale and light and reference string. clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:13
L10	0	scale near5 measure\$2and light and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:13
L11	1	scale near5 measure\$2 and light and reference string.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/01 13:13

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	S24 rotate  356/152.1,3.01-3.16,139.01-139.09,139.1,399,400,401	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB  US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR  NEAR	ON  ON	2005/11/15 21:16  2005/11/10 11:56
S2	8381	((356/152.1,3.01-3.16,139.01-139.09,139.1,399,400,401) or (250/231.13) or (396/89) or (398/156)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 10:31
S3	8	((("6,049,378") or ("5,579,585") or ("5,430,539") or ("5123,736"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 15:58
S4	0	S3 and string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/10 12:40
S5	87	S2 and string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/10 12:41
S6	1	S2 and reference string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/10 12:41
S7	8381	((356/152.1,3.01-3.16,139.01-139.09,139.1,399,400,401) or (250/231.13) or (396/89) or (398/156)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 15:58

## EAST Search History

S8	5648	S7 and reference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 10:17
S9	240	(356/152.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 21:10
S10	0	S9 and refernece string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:11
S11	1363	reference string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:11
S12	2	S11 and collimated light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:11
S13	33	S11 and light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:11
S14	13	S13 and alignment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:11
S15	191	S11 and alignment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:12

## EAST Search History

S16	2	S15 and reference axis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:12
S17	37	S15 and reference line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:12
S18	5	S15 and rotational axis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:13
S19	96	S11 and reference line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:13
S20	52	S11 and reference string same reference line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:13
S21	8	S20 and light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:13

## EAST Search History

S22	200	(US-3824666-\$ or US-4291978-\$ or US-4819096-\$ or US-4758717-\$ or US-5880822-\$ or US-4377753-\$ or US-4409470-\$ or US-4460120-\$ or US-4845350-\$ or US-5017765-\$ or US-5180904-\$ or US-5341213-\$ or US-5532469-\$ or US-5689339-\$ or US-5772598-\$ or US-5880475-\$ or US-6097490-\$ or US-6191803-\$ or US-4277127-\$ or US-4322126-\$ or US-4324452-\$ or US-4363085-\$ or US-4367946-\$ or US-4414066-\$ or US-4479055-\$ or US-4531702-\$). did. or (US-4758089-\$ or US-4764015-\$ or US-4768882-\$ or US-4770525-\$ or US-4812042-\$ or US-4836658-\$ or US-4843494-\$ or US-4853917-\$ or US-4926430-\$ or US-4947692-\$ or US-4988630-\$ or US-4991940-\$ or US-5295047-\$ or US-5298761-\$ or US-5347358-\$ or US-5400514-\$ or US-5430537-\$ or US-5436719-\$ or US-5457563-\$ or US-5485404-\$ or US-5510892-\$ or US-5548419-\$ or US-5569904-\$ or US-5587787-\$ or US-5596409-\$ or US-5625483-\$ or US-5659392-\$). did. or (US-5719385-\$ or US-5737081-\$ or US-5738101-\$ or US-5760901-\$ or US-5796500-\$ or US-5803565-\$ or US-5841134-\$ or US-5898809-\$ or US-6023326-\$ or US-6053614-\$ or US-6091496-\$ or US-6246482-\$ or US-3603662-\$ or US-3585848-\$ or US-3657792-\$ or US-3881824-\$ or US-3857641-\$ or US-3854820-\$ or US-3836256-\$ or US-3813139-\$ or US-4022532-\$ or US-4111564-\$ or US-4261635-\$ or US-4266252-\$ or US-4270044-\$ or US-4272192-\$ or US-4273449-\$). did. or (US-4275454-\$ or US-4282548-\$ or US-4293218-\$ or US-4297684-\$ or US-4306806-\$ or US-4334301-\$ or US-4339178-\$ or US-4339959-\$ or US-4346471-\$ or US-4346990-\$ or US-4367925-\$ or US-4369457-\$ or US-4370029-\$ or US-4373816-\$ or US-4375334-\$ or US-4376568-\$ or US-4379637-\$ or US-4380373-\$ or US-4385834-\$ or US-4386274-\$ or US-4389659-\$ or US-4391526-\$ or US-4391490-\$ or US-4396252-\$ or US-4415225-\$ or US-4416505-\$ or US-4421387-\$). did. or (US-4421383-\$ or US-4423957-\$ or US-4432614-\$ or US-4436426-\$ or US-4445749-\$ or US-4450450-\$ or US-4451148-\$ or	USPAT	NEAR	ON	2005/11/15 21:14
-----	-----	--	-------	------	----	------------------

## EAST Search History

S23	84	S22 and alignment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:15
S24	62	S23 and light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:15
S25	0	S24 and reference string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:15
S26	7	S24 and reference line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:15
S27	22	S24 and rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:16
S28	8	S24 and rotate same light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:16
S29	128	S22 and light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:16
S30	3	S29 and light source near7 rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:16

## EAST Search History

S31	9	S29 and rotate same light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:17
S32	16	S22 and collimated light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:17
S33	0	S32 and reference line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:17
S34	7	S32 and rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:17
S35	0	S34 and rotate same collimated light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:17
S36	1363	reference string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:18
S37	2	S36 and collimated light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:18
S38	33	S36 and light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:18



## EAST Search History

S39	1	S38 and light source near7 rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:18
S40	1	S38 and light source same rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:19
S41	3	S38 and light source and rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:19
S42	46855	reference line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:19
S43	51	S42 and collimated light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:19
S44	0	S43 and alingment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:20
S45	39	S43 and alignment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:20
S46	1	S45 and collimated light source near7 rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:20

## EAST Search History

S47	3	S45 and collimated light source same rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/15 21:20
S48	957	(356/614,622,623).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 09:26
S49	0	S48 and reference string	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:15
S50	49	S48 and reference line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:15
S51	4	S50 and (string or wire)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:15
S52	73	S48 and laser same perpendicular same axis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:33
S53	37	S48 and laser same rotate same axis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:33
S54	10	("3637312"   "5026998"   "5112126"   "5430539").PN. OR ("6049378").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 09:35
S55	11	("3603691"   "3923402"   "4209254"   "4298281"   "4701018").PN. OR ("5430539").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 09:40

## EAST Search History

S56	8384	((356/152.1,3.01-3.16,139.01-139.09,139.1,399,400,401) or (250/231.13) or (396/89) or (398/156)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 09:44
S57	4	S56 and reference wire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:45
S58	2367	reference wire	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:45
S59	427	S58 and alignment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:45
S60	33	S59 and light source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 09:45
S61	15	("3126643"   "3840301"   "4276480"   "4750141"   "4916824"   "5001356"   "5067817"   "5107132"   "5210593"   "5435073"   "5519944"   "5617645"   "6040903"   "6434849").PN. OR ("6580519").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 10:20
S62	10	("3637312"   "5026998"   "5112126"   "5430539").PN. OR ("6049378").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 09:58

## EAST Search History

S63	28	("4624563"   "4709485"   "4712953"   "4764010"   "4867560"   "4882772"   "4928401"   "4977516"   "4981354"   "4984173"   "4999506"   "5077905"   "5115406"   "5148232"   "5244052"   "5430539"   "5435073"   "5450245"   "5684578"   "5715609"   "5877854"   "5980094"   "6031613"   "6034763"   "6046799"   "6049378"   "6049379"   "6411375").PN. OR ("6915582"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 09:58
S64	10	("3923402"   "4298281"   "4319406"   "5026998"   "5430539"   "5554262"   "6040903"   "6049378"   "6172758").PN. OR ("6628378"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 09:59
S65	23	("4741618"   "4774405"   "4847511"   "4864148").PN. OR ("5026998"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 10:00
S66	957	(356/614,622,623).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 10:17
S67	112	S66 and alignment and rotate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 10:17
S68	20	S67 and laser and CCD array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2005/11/16 10:18
S69	15	("3126643"   "3840301"   "4276480"   "4750141"   "4916824"   "5001356"   "5067817"   "5107132"   "5210593"   "5435073"   "5519944"   "5617645"   "6040903"   "6434849").PN. OR ("6580519"). URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 10:20
S70	3	S69 and CCD	US-PGPUB; USPAT; USOCR	NEAR	ON	2005/11/16 10:20